

Although there is a resemblance between *jacintha* females and some *Euploea* species, very noticeable in set specimens, I found no difficulty in recognising female *jacintha* in flight – the females of *bolina* do not appear to mimic any distasteful model.

My observation would seem to suggest that *jacintha* from the north is now the predominant subspecies as far south as latitude 3°N in Malaya, and that ssp. *bolina* has declined or disappeared to the north of this latitude. The fluctuating colonisation and decline of the two subspecies in Peninsular Malaya and Sumatra is interesting, and perhaps unique. Although best monitored by resident Lepidopterists, it is a phenomenon deserving of attention by visitors to the country which at present has a rational policy regarding collecting and studying insects, having some very rare species protected, to which have been added other species, some quite common, liable to persecution for commercial gain.

#### References

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#### Records of *Erebia* butterflies (Lep.: Satyridae) from Europe, 1983-1993

While extracting information from my butterfly collection for the Mapping European Butterflies project (Kudrna, 1996. Mapping European Butterflies: Handbook for Recorders. *Oedippus* 12: 1-60.), I collated several records of European *Erebia* butterfly species collected during 1983-1993 that have not been reported previously in my records of this genus (Wakeham-Dawson, 1992, *Bull. Amateur Ent. Soc.* 51: 163-166; 1992, *Bull. Amateur Ent. Soc.* 51: 289-291; 1995, *Ent. Rec.* 107: 267-271; 1996, *Ent. Gaz.* 47: 247-251 and *in press*). These are listed in Table 1, with information relating to dates, locations, habitats and altitudes of capture. Identification was confirmed by examination of male genitalia using Higgins (1975, *The Classification of European Butterflies*. London). Nomenclature is based on Warren (1963, *Monograph of the Genus Erebia*. British Museum (N.H.)) and Higgins & Riley (1980, *A Field Guide to the Butterflies of Britain and Europe*. Collins).

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Table 1. Species of *Erebia* captured 1983-1993 with collection data

Species	Location	Habitat	Altitude (m)	Date	Notes
<i>E. euryale</i> Esper	(a) Mt Canigou, (EP) (b) Les Arcs (FA)	pine woods pine woods	2200 2200	21.vii.1993 01.viii.1993	1 male, wing ocelli absent. females polymorphic (see Higgins & Riley, 1980). c
<i>E. eriphyle tristis</i> H.-S.	Simplon Pass (S)	sub-alpine pasture	2000	03.viii.1993	c
<i>E. manto</i> [D.&S.]	(a) Cornet de Roselend (FA) (b) Albertville (FA)	sub-alpine pasture sub-alpine pasture	1968+ 1600	01.viii.1993 01.viii.1993	c c
<i>E. manto constans</i> Eiffinger	Aulus-les-Bains (EP)	sub-alpine pasture	1600	27.vii.1993	c
<i>E. eriphron</i> ? <i>fauveaui</i> de Lesse	(a) Mosset, Prades (EP) (b) Ax-les-Thermes (EP) (c) Aulus-les-Bains (EP) (d) Mt Canigou, (EP)	hay meadows sub-alpine pasture sub-alpine pasture scree slopes	c1200 2200 1600-1700 2400	15.vii.1990 27.vii.1993 27.vii.1993 28.vii.1993	c c c s
<i>E. eriphron aetherea</i> Esper	Les Arcs (FA)	sub-alpine pasture	2300	01.viii.1993	c
<i>E. pharte</i> Hübner	Les Arcs (FA)	pine woods	2200	01.viii.1993	c

Key:

A Andorra;

EP Eastern Pyrenees

FA French Alps; IA, Italian Alps

S Switzerland

SP Spain

c common

s scarce

**Table 1.** Continued  
Species

	Location	Habitat	Altitude (m)	Date	Notes
<i>E. melampus</i> Fuessli	(a) Cornet de Roselend (FA) (b) Les Arcs (FA) Albertville (FA)	sub-alpine pasture pine woods sub-alpine pasture	1968+ 2200 1600	01.viii.1993 01.viii.1993 01.viii.1993	c c females polymorphic (see Higgins & Riley, <i>op. cit.</i> ). c
<i>E. aethiops</i> Esper	Serrania de Cuenca (SP) (a) St Agnan en Vercors (FA) (b) Eggenal (S)	clearings/pine woods pine woods pine woods	1200-1400 c1000 c1500	01.vi.1993 vii.1983 vii-viii.1993	males only, c s s
<i>E. triaria hispanica</i> Gumpfenberg	Colle de Piccolo S.Bernado (IA)	sub-alpine pasture	2100+	02.viii.1993	at snow-line, s
<i>E. alberganus</i> de Prunner	(a) Les Arcs (FA) (b) Colle de Piccolo S.Bernado (IA)	scree, rocky slopes sub-alpine slopes	2600 2100+	01.viii.1993 02.viii.1993	s s
<i>E. aethiopella</i> Hoffmannsegg	(a) Ax-les-Thermes (EP)	sub-alpine pasture	2000	27.vii.1993	s
<i>E. muestra</i> Hübner	(b) Pic del Griu (A)	sub-alpine pasture	2600+	29.vii.1993	s
<i>E. gorgone</i> Boisduval	Simplon Pass (S)	sub-alpine pasture	2000	03.viii.1993	c
<i>E. tyndarus</i> Esper	(a) Cornet de Roselend (FA) (b) Colle de Piccolo S.Bernado (IA)	sub-alpine pasture sub-alpine pasture	1968+ 2100+	01.viii.1993 02.viii.1993	c c
<i>E. cassioides cassioides</i> Hohenwarth	(a) Mt Canigou (EP)	rocky slopes	2400	28.vii.1993	s
<i>E. cassioides arvernensis</i> Oberthur	(b) Andorra Mt Canigou (EP)	sub-alpine pasture scree, rocky slopes	2600-2800 2400	29.vii.1993 28.vii.1993	widespread, c above tree-line, s
<i>E. lefebvrei pyrenaica</i> Oberthur	Simplon Pass (S)	sub-alpine slopes	2000	03.viii.1993	s
<i>E. oeme oeme</i> Hübner	Aulus-les-Bains (EP)	sub-alpine pasture	1600	27.vii.1993	s
<i>E. meolans</i> de Prunner	(a) Mosset, Prades (EP) (b) Mt Canigou (EP)	woods, meadows pine woods	1200 1500	15.vii.1990 28.vii.1993	c c
<i>E. pandrose</i> Borkhausen	(a) Les Arcs (FA) (b) Colle de Piccolo S.Bernado (IA)	scree, rocky slopes sub-alpine pasture	2600+ 2100	01.viii.1993 02.viii.1993	s at snow-line, s